

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	10/556934	US-PGPUB; USPAT	OR	ON	2010/09/22 11:41
S2	45	yamashita-kazuo.in. or shimono-kazuhisa.in. or kawazu-toru.in. or takano-tatsuo.in.	US-PGPUB; USPAT	OR	ON	2010/09/22 11:44
S3	8	S2 and (calcium adj carbonate or caco3 or "caco.sub.3")	US-PGPUB; USPAT	OR	ON	2010/09/22 12:16
S4	5	S3 and spindle	US-PGPUB; USPAT	OR	ON	2010/09/22 12:22
S5	1	"20080261021"	US-PGPUB; USPAT	OR	ON	2010/09/22 12:25
S6	4	jp adj ("2000212892" or "10310996")	JPO; DERWENT	OR	ON	2010/09/22 12:28
S7	3	jp adj ("54160597" or "10059716")	JPO; DERWENT	OR	ON	2010/10/13 13:07
S8	6	jp adj ("09309723" or "03014696" or "03197318")	JPO; DERWENT	OR	ON	2010/10/13 13:10
S9	172227	(calcium adj carbonate or caco3 or "caco. sub.3")	US-PGPUB; USPAT	OR	ON	2010/10/13 13:41
S10	556	(calcium adj carbonate or caco3 or "caco. sub.3").ti.	US-PGPUB; USPAT	OR	ON	2010/10/13 13:41
S11	3212	(calcium adj carbonate or caco3 or "caco. sub.3").ab.	US-PGPUB; USPAT	OR	ON	2010/10/13 13:41
S12	3358	S10 or S11	US-PGPUB; USPAT	OR	ON	2010/10/13 13:41
S13	196	S12 and spindle	US-PGPUB; USPAT	OR	ON	2010/10/13 13:41
S14	421	S12 and aggregate\$2	US-PGPUB; USPAT	OR	ON	2010/10/13 13:42
S15	54	S13 and S14	US-PGPUB; USPAT	OR	ON	2010/10/13 13:42
S16	54	S15 or (S15 and aspect adj ratio)	US-PGPUB; USPAT	OR	ON	2010/10/13 14:11

S17	556	(calcium adj carbonate or caco3 or "caco. sub.3").ti.	US-PGPUB; USPAT	OR	ON	2010/10/13 18:32
S18	3212	(calcium adj carbonate or caco3 or "caco. sub.3").ab.	US-PGPUB; USPAT	OR	ON	2010/10/13 18:32
S19	3358	S17 or S18	US-PGPUB; USPAT	OR	ON	2010/10/13 18:32
S20	196	S19 and spindle	US-PGPUB; USPAT	OR	ON	2010/10/13 18:32
S21	421	S19 and aggregate\$2	US-PGPUB; USPAT	OR	ON	2010/10/13 18:32
S22	54	S20 and S21	US-PGPUB; USPAT	OR	ON	2010/10/13 18:32
S23	54	S22 or (S22 and aspect adj ratio)	US-PGPUB; USPAT	OR	ON	2010/10/13 18:32
S24	14	S23 and aspect adj ratio	US-PGPUB; USPAT	OR	ON	2010/10/13 18:32
S25	7	("20040242747"   "20040258906"   "4456710"   "5106896"   "6489388"   "6790385"   "6936651").PN. OR ("7625969").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/10/13 18:38
S26	172227	(calcium adj carbonate or caco3 or "caco. sub.3")	US-PGPUB; USPAT	OR	ON	2010/10/13 18:40
S27	6955	S26 and spindle	US-PGPUB; USPAT	OR	ON	2010/10/13 18:40
S28	17361	S26 and aggregate\$2	US-PGPUB; USPAT	OR	ON	2010/10/13 18:40
S29	1041	S27 and S28	US-PGPUB; USPAT	OR	ON	2010/10/13 18:40
S30	104	S29 and aspect adj ratio	US-PGPUB; USPAT	OR	ON	2010/10/13 18:40
S31	90	S30 not S23	US-PGPUB; USPAT	OR	ON	2010/10/13 18:41
S32	180100	(calcium adj carbonate or caco3 or "caco. sub.3" or calcite)	US-PGPUB; USPAT	OR	ON	2010/10/13 18:42
S33	7273	S32 and spindle	US-PGPUB; USPAT	OR	ON	2010/10/13 18:42
S34	17916	S32 and aggregate\$2	US-PGPUB; USPAT	OR	ON	2010/10/13 18:42
S35	1055	S33 and S34	US-PGPUB; USPAT	OR	ON	2010/10/13 18:42

S36	104	S30 and aspect adj ratio	US-PGPUB; USPAT	OR	ON	2010/10/13 18:43
S37	90	S36 not S23	US-PGPUB; USPAT	OR	ON	2010/10/13 18:43
S38	72	S37 and (filler or paper)	US-PGPUB; USPAT	OR	ON	2010/10/13 18:43
S39	37	S37 and (filler and paper)	US-PGPUB; USPAT	OR	ON	2010/10/13 18:44
S40	2	S39 and S32 same aspect adj ratio	US-PGPUB; USPAT	OR	ON	2010/10/13 18:45
S41	557	(calcium adj carbonate or caco3 or "caco.sub.3").ti.	US-PGPUB; USPAT	OR	ON	2010/10/14 12:32
S42	3213	(calcium adj carbonate or caco3 or "caco.sub.3").ab.	US-PGPUB; USPAT	OR	ON	2010/10/14 12:32
S43	3359	S41 or S42	US-PGPUB; USPAT	OR	ON	2010/10/14 12:32
S44	197	S43 and spindle	US-PGPUB; USPAT	OR	ON	2010/10/14 12:32
S45	421	S43 and aggregate\$2	US-PGPUB; USPAT	OR	ON	2010/10/14 12:32
S46	54	S44 and S45	US-PGPUB; USPAT	OR	ON	2010/10/14 12:32
S47	54	S46 or (S46 and aspect adj ratio)	US-PGPUB; USPAT	OR	ON	2010/10/14 12:32
S48	8	S47 and (BET or surface adj area) and (pore adj volume)	US-PGPUB; USPAT	OR	ON	2010/10/14 12:32
S49	46	yamashita-kazuo.in. or shimono-kazuhisa.in. or kawazu-toru.in. or takano-tatsuo.in.	US-PGPUB; USPAT	OR	ON	2011/03/04 18:56
S50	9	S49 and (calcium adj carbonate or caco3 or "caco.sub.3")	US-PGPUB; USPAT	OR	ON	2011/03/04 18:56
S51	5	S50 and spindle	US-PGPUB; USPAT	OR	ON	2011/03/04 18:56
S52	5	S50 and spindle\$	US-PGPUB; USPAT	OR	ON	2011/03/04 19:54

### EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L9	296	423/430.ccls.	USPAT; UPAD	OR	ON	2011/06/14 20:05
L10	210	423/432.ccls.	USPAT; UPAD	OR	ON	2011/06/14 20:05

L11	287	106/464.ccls.	USPAT; UPAD	OR	ON	2011/06/14 20:05
L12	674	I9 or I10 or I11	USPAT; UPAD	OR	ON	2011/06/14 20:05
L13	414	I12 and (calcium adj carbonate or caco3 or "caco.sub.3")	USPAT; UPAD	OR	ON	2011/06/14 20:08
L15	307	I12 and (calcium adj carbonate or caco3 or "caco.sub.3").clm.	USPAT; UPAD	OR	ON	2011/06/14 20:08
L16	58	I15 and spindle	USPAT; UPAD	OR	ON	2011/06/14 20:08
L17	7	I15 and spindle.clm.	USPAT; UPAD	OR	ON	2011/06/14 20:09

**6/ 14/ 2011 8:12:46 PM**

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